

NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

June 7, 2017
(877) 848-7030; Passcode 5921807

CRITICAL PATH ITEMS		
NERT	NEVADA	AECOM
	1. Working with BWPC on weir dewatering treatment NPDES permit; application submitted on 12/28/16.	

GWETS STATUS			
GW-11	FBR	IX	LIFT STATIONS / WELL FIELDS
<ul style="list-style-type: none"> Hybrid (EQ) Volume 36.0 MG W/W – ~ 4.6 MG 	<ul style="list-style-type: none"> Condition normal. 	<ul style="list-style-type: none"> Condition normal (~250 GPM) 	<ul style="list-style-type: none"> Lift Stations normal. Implementation of LS#2 Corrective Action Plan complete; Awaiting soil disposal.

NERT REMEDIAL INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>Community Involvement</u>	CIP, Revision 2 approved by NDEP on 5/10; Community Mailing Documents distributed; Update of Trust website completed; Preparation of FAQ document and preparation for Community Meeting in progress.	Community interview meeting scheduled for 6/21.	Ongoing
RI Phase 2 Access Agreements	Identification of access requirements in progress. Received approved permits from COH for owned property and ROW work; Agreement w/ BEC in place.	Communication with the remaining entities.	Ongoing
<u>Phase 2 RI Investigation</u>	Installed 40 wells, drilled 48 soil borings, collected approx. 600 soil samples, and developed and sampled 17 wells to date.	Continued Phase 2 RI field investigation and data evaluation. Distribution of door tags for Pittman neighborhood in progress.	Wk 27/46 50%
<u>Soils Investigation (Unit 4/5)</u>	Second Mobilization Tech Memo submitted to NDEP on 5/8/17. Initial comments received from NDEP 6/5/17. Preparing for 3 rd mobilization end of June	Discuss path forward with NDEP.	-
Treatability Study : Flushing	Received NDEP comments on treatability study results report (5/2/17) and DVSR (5/9/17).	Submittal of revised DVSR by 6/23/17 and revised report by 7/3/17.	-
Treatability Study : SWF GWB	Initial wells installed. UNLV studies in progress. Borehole dilution and slug testing completed. UIC permit application submitted 5/9/17. Monitoring and injection well installation underway.	Baseline sampling and first round of injections scheduled to begin in early August.	Wk 30/90 32%
Treatability Study : IWF In-Situ (Cr)	Well installation complete in AP Area and CRB; Baseline sampling complete. UNLV studies in progress. Initial injection event completed. Two supplemental wells and second injection event to be completed this week.	Performance groundwater monitoring and data evaluation.	Wk 33/55 58%

* **BOLD** items indicate change in task status

TASK *	NERT REMEDIAL INVESTIGATION STATUS		
	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>Treatability Study : VER</u>	Send Stakeholder email re: VER Roundtable; Complete preparation of VER Work Plan.	Submittal of work plan and implementation budget pending receipt of comments.	TBD
<u>Pilot Study : Las Vegas Wash Bioremediation</u>	Preparing for upcoming Stakeholder Roundtable meeting.	Complete preparation of work plan.	TBD
GW Modelling – Phase 5	Phase 5 model submitted to NDEP on 11/16/16; RTC submitted to NDEP on 5/3/17 (no Stakeholder comments received).	Submittal of Phase 6 model revisions to incorporate Phase 5 comments and new RI data.	-
<u>Operations Area Baseline HRA</u>	Reviewing Neptune Memorandum on COPC identification and exposure areas.	Submittal of revised COPC/DU Report by 11/15/17.	Wk 10/33 30%
<u>Phase 3 Remedial Investigation Work Plan</u>	Agency concurrence received re: revised RAOs and RI execution strategy. Phase 3 RI Work Plan submitted to NDEP on 5/7. Coordination with BMI and other parties re: access to investigation locations in progress; NDEP review of Phase 3 RI Work Plan in progress.	Preparation of response to forthcoming NDEP (and Stakeholder) comment and submittal of budget request for implementation. Trust to schedule meeting with Metropolitan to discuss OU strategy.	-
<u>Phase 2 Remedial Investigation Modifications</u>	<p>RI Modification Requests Approved</p> <p>Modification Request 1 Additional onsite wells west of GW-11 to evaluate presence of VOCs in groundwater.</p> <p>Modification Request 2 Extending depth of 3 soil borings proposed between AWF and SWF to 150 ft bgs to determine vertical extent of perchlorate in UMCf.</p>	<p>RI Modification Requests Pending Submittal</p> <p>Modification Request 3 Surface water Sampling in the Las Vegas Wash</p> <p>Modification Request 4 Deeper soil sampling in the Leach Plant Area</p> <p>Modification Request 5 Identifying well locations and well screen depths for select locations on and near Parcel F</p>	Ongoing

* BOLD items indicate change in task status

NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

June 7, 2017

(877) 848-7030; Passcode 5921807

TASK *	NDEP DOWNGRADIENT INVESTIGATION STATUS		
	CURRENT STATUS	UP-NEXT	SCHEDULE
AECOM TASK 131 EA for LVW/BOR Area	AECOM submitted the Draft Environmental Assessment (EA) for review. Biological assessment (BA) in preparation. BOR biologist expects only informal consultation required for biological (desert tortoise) impacts. The EA was submitted to BOR on 5/31.	Submittal of Draft EA to BOR in late May.	Wk 47/105 75%
AECOM TASK 151 SW Investigation	Draft technical memorandum is under preparation.	Submit Preliminary Draft Tech Memo by 6/9.	Wk 46/48 80%
AECOM TASK 160 Geophysical Pilot Test Plan	Draft technical memorandum is under preparation.	Submit Preliminary Draft Tech Memo by 6/23.	Wk 76/72 85%
AECOM TASK 170 GW Investigation	Incorporated Stakeholder (MWD) comments and issued Final Groundwater Work Plan on 5/19/17. NDEP requested that AECOM add Appendix showing response to comments.	Resubmittal of final Work Plan (incl. Stakeholder's RTCs in Appendix). Perform monthly well gauging of transducer-equipped wells. Groundwater sampling implementation pending BOR approval of EA.	Wk 37/67 25%

TASK *	GWETS / COP PROJECTS		
	CURRENT STATUS	UP-NEXT	SCHEDULE
ETI Work Authorizations / Amendments	<u>In Negotiation</u> <ul style="list-style-type: none"> IWF data capture updates GW sampling amendments AP-5 Treatment amendment 	-	Ongoing
AP-5 Solids Removal	Construction of balance of plant complete; Remainder of pond material to be removed during pond closure activities. Final system commissioning conducted w/ ETI.	Addressing 2 punch list items.	Wk 18/13 95%
AP-5 Water Treatment	Solids washing on-going. Finalization of amendments and work authorizations with ETI and Tetra Tech underway; Target start of treatment : July.	-	TBD
AP-5 Closure	Trust negotiating contract with Arcadis.	Trust to schedule meeting with Arcadis and Tetra Tech.	TBD
GWETS/NET	Repair of site in progress; Trust determining Evus replacement strategy.	Rollout v 1.2 (historical data) and v1.3 (IX and GW-11 instrumentation).	Ongoing
Pipeline Flow Evaluation	NDEP approval on project received 8/18/16. Initial implementation costs inclusive to 2017 budget. Pipeline samples collected; system evaluation underway.	Coordination with ETI; Preparation of evaluation tech memo by 6/30.	TBD
Pipeline Easements	Title search complete. Approx. 75% of pipeline appears to have significant easement issues.	NERT to determine strategy and budget for continuation of the project.	70%

* **BOLD** items indicate change in task status

NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

June 7, 2017

(877) 848-7030; Passcode 5921807

GWETS / COP PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Water Management Plan	NERT determining multi-year strategy for GW-11 replacement, AP-5 treatment and continued implementation of the COP.	NERT to present strategy to NDEP/EPA.	TBD
AP Area Soil Flushing Treatability Study	Project implementation in progress. More than 14,300 lbs. of ClO ₄ removed from environment. Flushing at Plot 1; Subplots 1, 2, 4, 5, 7, and 8.	Complete downflushing plot 1; Preparing plot 2 for downflushing.	Wk 33/54 45%

OTHER ENVIRONMENTAL PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
TIMET EE/CA	NERT to work with NDEP on finalization of order.	NERT to determine timeline and coordinate with NDEP.	TBD
Parcels Risk Assessment	<ul style="list-style-type: none"> Received NDEP comments on DVSR/EDD for Parcel C soil data on 6/5/17. NDEP provided comments on 2006 DVSR/EDD and requested revision of DVSR on 3/13/17. Evaluating schedule change (acceleration) for Parcel F and H HRA reports (pending schedule for Parcel F area borings during RI and pending NDEP response on Parcel H rad data evaluation). 	<ul style="list-style-type: none"> Submittal of Parcel C, D, and G HRA Report by 7/31/17. Submittal of revised DVSR/EDD for Parcel C soil data by 8/1/17. Submittal of revision to Parcel H 2006 Upgradient Dataset DVSR by 9/29/17. Submittal of Parcel F HRA Report by 10/20/17. 	Wk 10/18 45% (for Parcel C, D, and G submittal)

NDEP ORDER : SNWA WEIRS GROUNDWATER TREATMENT			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Land Access : BOR	BOR entry permit received 5/10. BOR will provide a corrected exhibit.		Complete
Land Access : CC and COH	Week of 5/1 – Trust submitted RTC letters to COH Community and Services Dept., COH Building and Fire Safety Dept., COH Dept. of Public Works; and COH Parks and Recreation Dept.	Receipt of additional COH comments; Submittal of additional permit applications, as required.	Ongoing
Treatment System Design	75% design package submitted; NDEP comments received and will be addressed with 100% design to be submitted this week.	Submittal of 100% design.	Ongoing
Treatment System Construction	Construction contractor bids received; Evaluation in progress. Negotiating various Work Authorization with Tetra Tech.	Selection of contractor and mobilization. Confirm revised system readiness date with SNWA.	Ongoing
Minor Source Air Permit Application	Permit application submitted 5/17.	Receipt of draft air permit	Ongoing

* **BOLD** items indicate change in task status

NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

June 7, 2017

(877) 848-7030; Passcode 5921807

TASK *	TRUST ADMINISTRATION CURRENT STATUS	UP-NEXT	SCHEDULE
Budget Status	2017 Budget approved 4/7/17.		Ongoing
Stakeholder Relations	Preparation of minutes from prior events in progress.	Technical Roundtable call in late June to discuss Las Vegas Wash Bioremediation Pilot Study.	Ongoing
Tronox LTCA Projects	11 active projects; 1 project approval pending.	Invoice 105 to be submitted.	Ongoing
BWC / BEC Negotiations	<u>In Progress</u> <ul style="list-style-type: none"> LS#2 easement amendment Pipeline investigation access 	<u>To Be Discussed</u> <ul style="list-style-type: none"> Corrective easements for pipelines Phase 3 access 	Ongoing
Chlorine Line	Ongoing negotiation with all parties.	NERT to discuss with NDEP when appropriate.	Ongoing
Easement for Parcel E (+ Western Slice)	Henderson GW, LLC provided a draft easement for Parcel E and the powerline area.	NERT to response to proposed easement terms and present to NDEP.	Ongoing
Perchlorate Reimbursement	100% of fifth payment demand received on 5/5/17; \$3,784,450.96.		Ongoing
AIG Claims	Jan - Apr 2016 submitted 9/12/16. May - June 2016 submitted 12/5/16. Jul - Dec 2016 submitted 4/19/17.	Received full payment of ~\$135,000 on 5/30.	Ongoing
Tronox Escrow	NERT to resolve when appropriate.		TBD
Financial Reporting	April (monthly) and 1Q17 reports distributed.	Distribution of May report.	Ongoing
Tronox Lease Matters (Confidential)	-		

* **BOLD** items indicate change in task status